



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

## REGION 10 FEDERAL AIR RULES FOR INDIAN RESERVATIONS

## INITIAL / ANNUAL SOURCE REGISTRATION

Applicability: Air pollution sources regulated by 40 Code of Federal Regulations Part 49.138.

Please check box to show how you are using this form.

☐

Initial Registration

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Annual Registration

INSTRUCTIONS: Complete applicable parts of Sections A, B, C and D.

## A. GENERAL INFORMATION

Identifying InformationSource (Facility) Name Columbia Ready Mix Inc. Portable Crusher (Wapato Pit)Air Quality Operating Permit No. (if applicable) NONENature of the Business Aggregate ProductionTelephone (SO9) 453-2063 Facsimile (SO9) 877-6963Source Physical Address: Street 2131 Lateral 1 RoadCity Wapato County Yakima State WA ZIP 98957Indian Reservation Name YakimaCompliance Contact Chad Carlson Title General Manager

(Local Person responsible for source compliance with this rule)

Telephone (SO9) 453-2063 Ext.        Facsimile (SO9) 877-6963Contact Person Mailing Address: Street (or PO Box #) P.O. Box 9337City Yakima County Yakima State WA ZIP 98909e.mail address chad@columbiaready.com

A Portable Asphalt Plant (CMPTD400) did not operate within any EPA jurisdiction for the 2015 year with total emissions reported as 0.

**A. GENERAL INFORMATION Cont.****Owner's Name** LS Wgeto LLCTelephone (509) 453-2063 Ext.        Facsimile (509) 877-6963Owner Mailing Address: Street ( or PO Box #) P.O. Box 9337City Yakima County Yakima State WA ZIP 98909 -       e.mail address larrys@columbiagasphalt.com**Contact** Chad Carlson Title General Manager

(Person authorized to receive requests for data and information)

Telephone (509) 453-2063 Ext.        Facsimile (509) 877-6963Contact Person Mailing Address: Street (or PO Box #) P.O. Box 9337City Yakima County Yakima State WA ZIP 98909 -       e.mail address chad@columbiagasphalt.com**Operator's Name** Columbia Ready Mix Inc. (If different from Owner).Telephone (509) 453-2063 Ext.        Facsimile (509) 877-6963Operator's Mailing Address: Street ( or PO Box #) P.O. Box 9337City Yakima County Yakima State WA ZIP 98909 -       e.mail address chad@columbiagasphalt.com**Contact** Chad Carlson Title General Manager

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**B. ATTACHMENTS****Include all of the following information as attachments to this form**

- ☐ Process flow chart identifying all processing, combustion, handling, storage, and emission control equipment
- ☐ Narrative description of the production processes and air pollution control equipment
- ☐ List of all emission units and air pollution generating activities; include model and serial numbers for portable equipment
- ☐ Plot Plan
  - ✓ Location of all emission units and air pollution generating activities
  - ✓ Property lines for the air pollution source
  - ✓ Elevation above grade for each emission release point
  - ✓ Distance and direction to nearest residential or commercial property
- ☐ Type and quantity of fuels, including sulfur content of fuels, used on a daily, annual and maximum hourly basis
- ☐ Type and quantity of raw materials used or final product produced on a daily, annual and maximum hourly basis
- ☐ Typical operating schedule, including number of hours per day, number of days per week and number of weeks per year
- ☐ List of estimated efficiency of air pollution control equipment under present or anticipated operating conditions
- ☐ Estimates of the total actual emissions from the air pollution source for the following air pollutants: particulate matter, PM<sub>10</sub>, PM<sub>2.5</sub>, sulfur oxides (SO<sub>x</sub>), nitrogen oxides (NO<sub>x</sub>), carbon monoxide (CO), volatile organic compound (VOC), lead (Pb) and lead compounds, ammonia (NH<sub>3</sub>), fluorides (gaseous and particulate), sulfuric acid mist (H<sub>2</sub>SO<sub>4</sub>), hydrogen sulfide (H<sub>2</sub>S), total reduced sulfur (TRS) and reduced sulfur compounds, including all calculations for the estimates
- ☐ Other (provide details)

SAME AS BEFORE

**Confidential Treatment of Information**

You may assert a business confidentiality claim covering any portion of the submitted information as provided in 40 C.F.R. part 2, subpart B. Please submit any information you claim as confidential business information separately, along with your claim of confidentiality. Note that emissions data and information necessary to determine emissions is not entitled to confidential treatment. Failure to assert a claim in the manner described in 40 C.F.R. part 2, subpart B allows the submitted information to be released to the public without further notice. Information subject to a business confidentiality claim may be disclosed by EPA only to the extent set forth in the above-cited regulations.

**C. TABLE OF ANNUAL EMISSIONS**

The following table should be completed by inserting estimates of the total actual emissions in tons/year for all pollutants contained in your worksheet stated above.

<b>Pollutant</b>	<b>Total Emissions</b>
PM	0.661814
PM <sub>10</sub>	0.260085
PM 2.5	0.009106
SO <sub>x</sub>	0
NO <sub>x</sub>	0
CO	0
VOC	0
Pb	0
NH <sub>3</sub>	0
Fluorides	0
H <sub>2</sub> SO <sub>4</sub>	0
H <sub>2</sub> S	0
TRS	0
RSC	0

***Definition of acronyms***

PM	Particulate Matter
PM <sub>10</sub>	Particulate Matter less than 10 microns in size
PM <sub>2.5</sub>	Particulate Matter less than 2.5 microns in size
SO <sub>x</sub>	Sulfur Oxides
NO <sub>x</sub>	Nitrogen Oxides
CO	Carbon Monoxide
VOC	Volatile Organic Compound
Pb	Lead and lead compounds
NH <sub>3</sub>	Ammonia
Fluorides	Gaseous and particulates
H <sub>2</sub> SO <sub>4</sub>	Sulfuric Acid Mist
H <sub>2</sub> S	Hydrogen Sulfide
TRS	Total Reduced Sulfur
RSC	Reduced Sulfur Compounds

# WAPATO PIT EMISSIONS FOR FARR REGISTRATION

Emission Unit		Controlled Emission Factors	PM lbs/ton	PM10 lbs/ton	PM 2.5 lbs/ton	Tons Throughput	PM lbs	PM10 lbs	PM 2.5 lbs	Total lbs
Primary Crusher		Coarse/Fines	0.0012	0.00054	0.0001	53261.68663	63.91402396	28.76131078	5.326168663	98.00150341
Secondary Crusher		Fines	0.0012	0.00054	0.0001	34620.19996	41.54423995	18.69490798	3.462019996	63.70116793
Tertiary Crusher		Fines	0.0012	0.00054	0.0001	34620.19996	41.54423995	18.69490798	3.462019996	63.70116793
Tertiary Crusher		Fines	0.003	0.0012	0.00007	11141.77352	33.42532057	13.37012823	0.779924147	47.57537295
Total										272.9792122
Primary Screen		Coarse/Fines	0.0022	0.00074	0.00005	103650.19	228.030418	76.7011406	5.1825095	309.9140681
Primary Screen		Fines	0.0036	0.0022	N/A	34620.19996	124.6327199	76.16443992	N/A	200.7971598
Primary Screen		Fines	0.0036	0.0022	N/A	11141.77352	40.11038469	24.51190175	N/A	64.62228644
Total										575.3335143
Conveyors 8 Total		Coarse/Fines	0.00014	N/A	N/A	103650.19	14.5110266	N/A	N/A	14.5110266
Total										14.5110266
Haul roads		Coarse/Fines	0.0045	0.0016	N/A	103650.19	466.425855	165.840304	N/A	632.266159
Handling & Storage		Coarse/Fines	0.0026	0.00094	N/A	103650.19	269.490494	97.4311786	N/A	366.9216726
Total/lbs										999.1878316
G. Total/lbs										1847.500558
Generator										
1 gallon of #2 Ultra Low Sulfur Diesel equals:			138,500	Btu's	(Assume Sulfur Content of Fuel is 0.5%)					
Total fuel consumed by the generator(1):			0.00	Gallons	(1)No fuel by generator, using onsite power at this time.					
Total MMBtu's for the #2 ULS Diesel:			0	MMBtu's						
					Product Quantity (Wapato)-no activity in any other EPA juristicition location					
					crushed			Screened out prior to crushing*		
					1 1/4"-0"	78622.55	tons	Sandtailings	88211.25	tons
					3/4"-0"	20780.95	tons	*not included in crushing process and not listed in emission total. Material entirely saturated/wet screening.		
					3/8"-0"	4246.69	tons			
					Generator	Crusher	Generator	Crusher	Combined	Combined
					Totals/lbs	Totals/lbs	Totals/tons	Totals/tons	Totals/lbs	Totals/tons
					0	1847.500558	0	0.923750279	1847.500558	0.923750279
(All numbers are assumed to be accurate based on the information provided by EPA and Columbia Ready Mix Inc. )										

Emissions			
	Emission Factor	lbs/MMBtu	lbs
Nox	3.2	0	0
CO	1.9	0	0
SOx	1.015	0	0
PM	0.1	0	0
Total		0	0

0.561055



**D. OWNER OR OPERATOR CERTIFICATION OF TRUTH, ACCURACY AND COMPLETENESS****Certifying Official Information:** Identify the certifying official and provide contact information.Name: (Last) Carlson (First) Chad (Middle) PhelpTitle General ManagerStreet or P.O. Box P.O. Box 9337City Yakima County Yakima State WA ZIP 98909Telephone (509) 453-2063 Ext. — Facsimile (509) 877-6963e.mail address chad@columbiacorp.com**Certification of Truth, Accuracy and Completeness:** The Certifying Official must sign this statement after the form is completed.

I certify that, based on information and belief formed after reasonable inquiry, the statements and information contained in these documents are true, accurate and complete.

Name (signed) Name (printed or typed) Chad P. Carlson Date 1/15/16**Return completed forms and attachments to:**

EPA Region 10 (OAWT-107)

FARR Registration Coordinator

Office of Air Waste and Toxics

1200 Sixth Avenue

Seattle, WA 98101

The public reporting and recordkeeping burden for this collection of information is estimated at 5.61 hours on average. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including through the use of automated collection techniques to the Director, Collection Strategies Division, US Environmental Protection Agency (2822T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number 2060-0558 in any correspondence. Do not send the completed form to this address.